

## WEST Search History

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DATE: Monday, June 27, 2005

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		<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	L2 and clock frequency	10
<input type="checkbox"/>	L3	L2 and threshold near5 temperature	10
<input type="checkbox"/>	L2	pippin.in.	144
<input type="checkbox"/>	L1	('5838578')!.PN.	1

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20040204899 A1

L4: Entry 1 of 10

File: PGPB

Oct 14, 2004

PGPUB-DOCUMENT-NUMBER: 20040204899

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040204899 A1

TITLE: Methods and apparatus for thermal management of an integrated circuit die

PUBLICATION-DATE: October 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gunther, Stephen H.	Beaverton	OR	US	
Binns, Frank	Hillsboro	OR	US	
<u>Pippin</u> , Jack D.	Portland	OR	US	
Rankin, Linda J.	Portland	OR	US	
Burton, Edward A.	Hillsboro	OR	US	
Carmean, Douglas M.	Beaverton	OR	US	
Bauer, John M.	Portland	OR	US	

US-CL-CURRENT: 702/132

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWRC	Draw D
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☐ 2. Document ID: US 20040195674 A1

L4: Entry 2 of 10

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040195674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040195674 A1

TITLE: Methods and apparatus for thermal management of an integrated circuit die

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gunther, Stephen H.	Beaverton	OR	US	
Binns, Frank	Hillsboro	OR	US	

<u>Pippin</u> , Jack D.	Portland	OR	US
Rankin, Linda J.	Portland	OR	US
Burton, Edward A.	Hillsboro	OR	US
Carmean, Douglas M.	Beaverton	OR	US
Bauer, John M.	Portland	OR	US

US-CL-CURRENT: 257/706

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: US 20040047099 A1

L4: Entry 3 of 10

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040047099

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040047099 A1

TITLE: Temperature-based cooling device controller apparatus and method

PUBLICATION-DATE: March 11, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Pippin</u> , Jack D.	Portland	OR	US	

US-CL-CURRENT: 361/103

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 20030212474 A1

L4: Entry 4 of 10

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212474

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030212474 A1

TITLE: Method and apparatus for programmable thermal sensor for an integrated circuit

PUBLICATION-DATE: November 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Pippin</u> , Jack D.	Portland	OR	US	

US-CL-CURRENT: 700/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 20010021217 A1

L4: Entry 5 of 10

File: PGPB

Sep 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010021217

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010021217 A1

TITLE: Methods and apparatus for thermal management of an integrated circuit die

PUBLICATION-DATE: September 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gunther, Stephen H.	Beaverton	OR	US	
Binns, Frank	Hillsboro	OR	US	
<u>Pippin</u> , Jack D.	Portland	OR	US	
Rankin, Linda J.	Portland	OR	US	
Burton, Edward A.	Hillsboro	OR	US	
Carmean, Douglas M.	Beaverton	OR	US	
Bauer, John M.	Portland	OR	US	

US-CL-CURRENT: 374/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Drawings
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☐ 6. Document ID: US 6789037 B2

L4: Entry 6 of 10

File: USPT

Sep 7, 2004

US-PAT-NO: 6789037

DOCUMENT-IDENTIFIER: US 6789037 B2

TITLE: Methods and apparatus for thermal management of an integrated circuit die

DATE-ISSUED: September 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunther; Stephen H.	Beaverton	OR		
Binns; Frank	Hillsboro	OR		
<u>Pippin</u> ; Jack D.	Portland	OR		
Rankin; Linda J.	Portland	OR		
Burton; Edward A.	Hillsboro	OR		
Carmean; Douglas M.	Beaverton	OR		
Bauer; John M.	Portland	OR		

US-CL-CURRENT: 702/132

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 7. Document ID: US 6630754 B1

L4: Entry 7 of 10

File: USPT

Oct 7, 2003

US-PAT-NO: 6630754

DOCUMENT-IDENTIFIER: US 6630754 B1

TITLE: Temperature-based cooling device controller apparatus and method

DATE-ISSUED: October 7, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Pippin</u> ; Jack D.	Portland	OR		

US-CL-CURRENT: 307/117; 327/512, 374/173

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 8. Document ID: US 6072349 A

L4: Entry 8 of 10

File: USPT

Jun 6, 2000

US-PAT-NO: 6072349

DOCUMENT-IDENTIFIER: US 6072349 A

TITLE: Comparator

DATE-ISSUED: June 6, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Pippin</u> ; Jack D.	Portland	OR		
Sandhu; Bal S.	Fremont	CA		

US-CL-CURRENT: 327/307; 327/525, 327/563, 327/65, 330/253, 330/261

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 9. Document ID: US 6006169 A

L4: Entry 9 of 10

File: USPT

Dec 21, 1999

US-PAT-NO: 6006169

DOCUMENT-IDENTIFIER: US 6006169 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for trimming an integrated circuit

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sandhu; Bal S.	Fremont	CA		
<u>Pippin</u> ; Jack D.	Portland	OR		
Burton; Edward A.	Hillsboro	OR		

US-CL-CURRENT: 702/132; 327/83

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INAC	Draw De
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☐ 10. Document ID: US 5838578 A

L4: Entry 10 of 10

File: USPT

Nov 17, 1998

US-PAT-NO: 5838578

DOCUMENT-IDENTIFIER: US 5838578 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for programmable thermal sensor for an integrated circuit

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Pippin</u> ; Jack D.	Portland	OR		

US-CL-CURRENT: 716/4; 327/512, 374/101, 374/173

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INAC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CLOCK	302178
CLOCKS	59258
FREQUENCY	858060
FREQUENCIES	281483
FREQUENCYS	40
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(L2 AND CLOCK FREQUENCY ).PGPB,USPT.	10

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### Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20040204899 A1

L3: Entry 1 of 10

File: PGPB

Oct 14, 2004

PGPUB-DOCUMENT-NUMBER: 20040204899

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040204899 A1

TITLE: Methods and apparatus for thermal management of an integrated circuit die

PUBLICATION-DATE: October 14, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gunther, Stephen H.	Beaverton	OR	US	
Binns, Frank	Hillsboro	OR	US	
<u>Pippin</u> , Jack D.	Portland	OR	US	
Rankin, Linda J.	Portland	OR	US	
Burton, Edward A.	Hillsboro	OR	US	
Carmean, Douglas M.	Beaverton	OR	US	
Bauer, John M.	Portland	OR	US	

US-CL-CURRENT: 702/132

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIRC	Draw Ds
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☐ 2. Document ID: US 20040195674 A1

L3: Entry 2 of 10

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040195674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040195674 A1

TITLE: Methods and apparatus for thermal management of an integrated circuit die

PUBLICATION-DATE: October 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gunther, Stephen H.	Beaverton	OR	US	
Binns, Frank	Hillsboro	OR	US	



<u>Pippin</u> , Jack D.	Portland	OR	US
Rankin, Linda J.	Portland	OR	US
Burton, Edward A.	Hillsboro	OR	US
Carmean, Douglas M.	Beaverton	OR	US
Bauer, John M.	Portland	OR	US

US-CL-CURRENT: 257/706

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20040047099 A1

L3: Entry 3 of 10

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040047099

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040047099 A1

TITLE: Temperature-based cooling device controller apparatus and method

PUBLICATION-DATE: March 11, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Pippin</u> , Jack D.	Portland	OR	US	

US-CL-CURRENT: 361/103

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20030212474 A1

L3: Entry 4 of 10

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212474

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030212474 A1

TITLE: Method and apparatus for programmable thermal sensor for an integrated circuit

PUBLICATION-DATE: November 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Pippin</u> , Jack D.	Portland	OR	US	

US-CL-CURRENT: 700/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20010021217 A1

L3: Entry 5 of 10

File: PGPB

Sep 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010021217

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010021217 A1

TITLE: Methods and apparatus for thermal management of an integrated circuit die

PUBLICATION-DATE: September 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gunther, Stephen H.	Beaverton	OR	US	
Binns, Frank	Hillsboro	OR	US	
<u>Pippin</u> , Jack D.	Portland	OR	US	
Rankin, Linda J.	Portland	OR	US	
Burton, Edward A.	Hillsboro	OR	US	
Carmean, Douglas M.	Beaverton	OR	US	
Bauer, John M.	Portland	OR	US	

US-CL-CURRENT: 374/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw
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☐ 6. Document ID: US 6789037 B2

L3: Entry 6 of 10

File: USPT

Sep 7, 2004

US-PAT-NO: 6789037

DOCUMENT-IDENTIFIER: US 6789037 B2

TITLE: Methods and apparatus for thermal management of an integrated circuit die

DATE-ISSUED: September 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunther; Stephen H.	Beaverton	OR		
Binns; Frank	Hillsboro	OR		
<u>Pippin</u> ; Jack D.	Portland	OR		
Rankin; Linda J.	Portland	OR		
Burton; Edward A.	Hillsboro	OR		
Carmean; Douglas M.	Beaverton	OR		
Bauer; John M.	Portland	OR		

US-CL-CURRENT: 702/132

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 7. Document ID: US 6630754 B1

L3: Entry 7 of 10

File: USPT

Oct 7, 2003

US-PAT-NO: 6630754

DOCUMENT-IDENTIFIER: US 6630754 B1

TITLE: Temperature-based cooling device controller apparatus and method

DATE-ISSUED: October 7, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Pippin</u> ; Jack D.	Portland	OR		

US-CL-CURRENT: 307/117; 327/512, 374/173

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 8. Document ID: US 6072349 A

L3: Entry 8 of 10

File: USPT

Jun 6, 2000

US-PAT-NO: 6072349

DOCUMENT-IDENTIFIER: US 6072349 A

TITLE: Comparator

DATE-ISSUED: June 6, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Pippin</u> ; Jack D.	Portland	OR		
Sandhu; Bal S.	Fremont	CA		

US-CL-CURRENT: 327/307; 327/525, 327/563, 327/65, 330/253, 330/261

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 9. Document ID: US 6006169 A

L3: Entry 9 of 10

File: USPT

Dec 21, 1999

US-PAT-NO: 6006169

DOCUMENT-IDENTIFIER: US 6006169 A

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TITLE: Method and apparatus for trimming an integrated circuit

DATE-ISSUED: December 21, 1999

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NAME	CITY	STATE	ZIP CODE	COUNTRY
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<u>Pippin</u> ; Jack D.	Portland	OR		
Burton; Edward A.	Hillsboro	OR		

US-CL-CURRENT: 702/132; 327/83

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 10. Document ID: US 5838578 A

L3: Entry 10 of 10

File: USPT

Nov 17, 1998

US-PAT-NO: 5838578

DOCUMENT-IDENTIFIER: US 5838578 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for programmable thermal sensor for an integrated circuit

DATE-ISSUED: November 17, 1998

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US-CL-CURRENT: 716/4; 327/512, 374/101, 374/173

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
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THRESHOLDS	50640
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TEMP	74970
TEMPS	690
TEMPERATURES	717688
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(L2 AND THRESHOLD NEAR5 TEMPERATURE ).PGPB,USPT.	10